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PATENT

2 ~~23~~. (Amended) A photographic emulsion paper [suitable] for exposing and developing to produce an image thereon, characterized by an auxiliary information signal encoded therein, said signal being encoded as a patterned physical characteristic coextensive with said paper, wherein said characteristic results in a substantially human-imperceptible optical patterning of said paper after said paper is developed.

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3 ~~24~~. (Amended) A photographic emulsion paper [suitable] for exposing and developing to produce an image thereon, characterized by an auxiliary information signal encoded therein, said signal being encoded as a patterned physical characteristic coextensive with said paper, wherein the auxiliary information signal is a copy control signal.

5 ~~26~~. (Amended) A **blank** photographic [emulsion] paper **having an emulsion coating thereon** suitable for exposing and developing to produce an image thereon, characterized by a binary data signal encoded in [a] **said emulsion** coating [thereon].

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9 10 ~~31~~. (Amended) The paper of claim 8 ~~30~~ in which said chemical characteristic varies due to [a low level] **an** optical exposure of said coating.

10 ~~32~~. (Amended) A method of processing a **blank** photographic paper during manufacture and prior to exposure by an end user thereof, comprising:

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generating a pattern having an auxiliary information signal steganographically encoded therein; and

encoding said paper in accordance with said pattern, said encoding not impairing subsequent use of the paper by said end user.

16 17 ~~38~~. (Amended) The method of claim 15 ~~37~~ in which said processing comprises exposing an emulsion coating on said paper with an optical representation of said pattern at a [low] **predetermined** exposure level.

D4

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21 22 51. (Amended) A method of producing a [card- or paper-like] **photographic emulsion** article having an auxiliary information signal encoded therewith, comprising:

(a) providing a substrate;

(b) applying a layer of material over said substrate;

D6 (c) processing said layer of material to form a pattern therein, **said pattern being coextensive with the article,** said pattern having an auxiliary information signal steganographically encoded therein; and

(d) thereafter, processing said article to carry human-perceptible information thereon.

32-33 62. (Amended) In a photo-duplication kiosk including a lens for imaging a customer-provided photograph onto an opto-electronic detector **for producing image data**, and a print-writing device for producing a print in accordance with **said** image data [gathered by said detector], an improvement comprising:

a memory for receiving **said** data from the opto-electronic detector; and

a processor for processing **said** data in the memory to detect the presence of a copy D4 control signal steganographically encoded therein, and for interrupting a usual print-making process of said print-writing device in response thereto.

33 34 63. (Amended) In a photo-duplication kiosk including a lens for imaging a customer-provided photograph onto an opto-electronic detector **for producing image data**, and a print-writing device for producing a print in accordance with **said** image data [gathered by said detector], an improved method of operation including:

analyzing [the] **said** image data to discern a control signal steganographically embedded therein; and

interrupting a usual print-making process of said print-writing device in response to said control signal.